CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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1. At the end of 1952, there was much discussion in the office of the director, East German Academy of Sciences, about the reorganization of the Academy. Talks were also held in the Academy Praesidium and with the Central Committee of the Party (ZK/SED). It eventually became known to the staff of the director's office that one major and three minor changes affecting the Academy were to be made:

   a. The whole emphasis of the Academy's scientific research work was to be shifted away from fundamental research and towards industrial research.

   b. The philological work of the Academy was to be absorbed in the social sciences section, which would retain its importance.

   c. The "classes" within the Academy headquarters were to become departments.

   d. The director's post was to be abolished; there would be a secretary to the Praesidium, who would at the same time be a member of the Academy.

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2. In connection with the first and major change above, the Academy was to take over many of the present functions of the Zentralamt fuer Forschung und Technik in the administration and coordination of scientific research in East Germany. In addition, more research institutes were to be attached to the Academy. The Eisenforschungsinstitut at Hennigsdorf, for example, was to become an Academy institute.

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25 YEAR RE-REVIEW

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4. The extraordinary plenary session was an occasion of great importance. Walter Ulbricht, Deputy Minister President, attended the whole session and made a long speech. High level representatives of all branches of the East German Government, party, science and industry, were present. The Soviet Control Commission sent three representatives. The Academy speakers themselves emphasized the historical importance of the meeting. Representatives of the official eastern press were present to record Ulbricht's speech, which was published in full. They were, however, requested not to publish the other business of the meeting

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The fundamental job of the East German Government is to promote socialism. The Academy of Sciences must contribute by taking a leading role in all scientific research in the future. The training of new scientific personnel is of great importance as is a study of scientific methods as applied in the USSR.

7. The following ten parts outline the East German Academy of Sciences' fundamental assignment.

a. Part One: Heavy Industry

Production in the Five-Year-Plan makes the building up of East Germany's heavy industry essential. Heavy machine construction can be increased. Problems of electric power production, coal production, geology and raw chemicals production are all related to this matter. The Academy will, therefore, set up a number of commissions to allot research assignments in the various fields and to supervise these assignments.

1. Commission for Metallurgy

Prof. Dr. Maurer	President
Prof. Dr. Werner Lange	
Prof. Dr. Emicke	(nonferrous metals)
Prof. Dr. Wagemann	(nonferrous metals)
Prof. Dr. Alfred Lange	
Prof. Dr. Hauffe	(physical chemistry)
Dr. Kraemer	(ferrous metals)
Fritz Selbmann	Minister of Mining and Smelting
Rehtanz	State Planning Commission

2. Commission for Questions of Heavy Machinery

Construction. To improve the construction of heavy machinery and the use of the present capacity.

Members not yet known.

3. Commission for Questions of Energy Production

Prof. Dr. Binder — President

4. Commission for Questions of Coal Production

Members not yet known.

5. Commission for Questions of Raw Chemicals

Prof. Dr. Bertsch	President
Dr. Panning	Scientific secretary
Prof. Dr. Leibnitz	
Prof. Dr. Franck	
Prof. Dr. Thilo	
Dr. Correns	
Prof. Dr. Treibs	
Prof. Dr. Zing	
Prof. Dr. Knoell	
Dr. Nelles	
Prof. Dr. Staude	
Dr. Schnitzler	

6. Commission for Questions of East German deposits

To consider the determination of deposits, the mining of materials and the production of concentrates.

Prof. Dr. Doubel	President
Prof. Dr. Leutwein	Scientific secretary
Prof. Dr. von Bubnoff	
Prof. Dr. Meisser[1]	
Prof. Dr. Gotham	
Dr. Guericke	
Prof. Dr. Watzenau[2]	

7. Binder will be responsible for these Commissions.

(Note: This point was presented without change to the plenary session. The names of those chosen for the Commissions, however, were not mentioned).

b. Part Two. Social Sciences

1. The Academy will increase its work in the field of social sciences. The work will support the idea of the unity of the German peoples and their socialistic conscience. It is particularly important to encourage socialistic historical research and writing, as the bourgeois interpretation of these has played such a dominating role in Germany for so many decades.

2. The Academy will draw up plans for this work by 1 June 1953 and will appoint a commission under the presidency of Frings, to deal with the matter. Steinitz and Oelsner will also be members.

(Note. Presented without change, omitting only the names of Oelsner and Steinitz).

c. Part Three. Productivity

The Academy will, until 1955 (the end of the Five-Year-Plan), support the nationalized industries in increasing their productivity by 10%; this will be done by suggesting new scientific methods. Jaeckel and Frenzel will help.

(Note. Presented without change, other than the omission of the names)

d. Part Four. Liaison with industrial works

The Academy will make arrangements with a number of leading works to improve their scientific research. Dr. Correns will help.

(Note. Presented without change, other than the omission of the name).

e. Part Five. Artificial Fibers

"The wool needs of our population and of our State cannot be met, because of the general shortage of wool in the world, by buying from the capitalist world markets. The Academy will, therefore, set up a special commission, charged with laying before the Ministry of Light Industry and the State Planning Commission by 1 July 1953, a detailed plan to deal with the situation. The plan will show how new artificial fibers produced from available East German raw materials can, together with what wool is available, assure that East German needs are satisfied". The plan will also deal in detail with investments, workers, machines and buildings. "Production should start in 1955, so that in 1956 the wool needs of East Germany can, through new scientific methods and the efforts of the working population, be satisfied from our own efforts".

The Academy's special commission will include Dr. Correns, Frenzel, Prof. Sommer, Dr. Winkler, and Dr. Klarf.

(Note. [redacted] 25X1
[redacted] Emphasis was placed on the fact that the Academy's 25X1
research had already, in 1952, produced a new fiber for the textile industry. Only Corren's name was mentioned).

f. Part Six. Synthetic Materials

1. "For the growing needs of the peoples and of the State, the amount of metal available in East Germany is too small". The Academy will therefore increase its research on synthetic materials, which in certain cases can take the place of iron or of heavy nonferrous metals completely. The Academy will concern itself particularly with its work in the fields of polyesters and mixed polymers.

2. Similar considerations apply to wood and substitutes for it.

3. A commission will be appointed to deal with this matter.

(Note. [redacted] Dr. Nelles was mentioned as 25X1
president of the commission).

g. Part Seven. Inorganic Chemistry

The Academy will appoint a commission to consider questions of mineral salt research. The treatment of mixed raw salts in the potassium industry will be treated particularly urgently; so also will methods of scientific treatment and the use of waste products in the potassium industry. The development of an industry for magnesium chloride treatment is the principal problem.

(Note. This point was broadened. As presented at the plenary session, the main problem was said to be in the field of condensation and hydrolysis of polybasic acids and acid salts. Comprehension of ths problem would be of great importance in the glass and cement industries. If this could be understood, new artificial products could be derived from common silicate raw materials. Secondly, research on the production of magnesium hydrosilicate would be carried out in 1953. This would be a substitute for talc which is hardly available in East Germany and consequently would make imports unnecessary.)

h. Part Eight. Physics, Mathematics and Biology

1. The Academy will increase the research work of its physical institutes, concentrating on the scientific problems of production. This applies particularly to the following institutes:

Institut fuer Gasentladungsphysik
Institut fuer Strahlungsquellen
Institut fuer physikalische Hydrographie
Heinrich-Hertz Institut fuer Schwingungsforschung
Institut fuer Optik
"Institut fuer Kristallphysik" or Institut fuer Festkoerperforschung.

The Institut fuer Erdbebenforschung will improve the instruments and methods of ore bed research.

2. Questions of plant breeding and disease will be considered jointly with the Academy of Agricultural Science.

3. In mathematics, attention will be paid to the application of statistical methods to production control and to the development of calculating machines using new electrical aids.

4. Noack will assume responsibility for these problems

i. Part Nine. Health

The Academy will present to the Ministry of Health by 1 March 1953, a plan for intensifying work on the research on and the handling of diseases leading to loss of working hours. This applies particularly to cancer. Attention will also be paid to dietetics. Lohmann will be responsible for these problems.

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j. Part Ten. Planning of Research

In 1953 the Academy will begin to work out a program of research for East Germany. This will determine the direction to be taken in the chief fields of scientific research.

[redacted] 25X1

8. List of persons mentioned in this report, with their positions in East Germany:

Bertsch, Heinrich;	Prof. Dr. Ing. Professor of Technology at the Humboldt University of East Berlin.
Binder, Ludwig	Prof. Dr. Ing. [redacted] 25X1 [redacted] Professor of Heavy Current 25X1 Engineering at the Technische Hochschule, Dresden. 25X1
von Bubnoff, Serge	Prof. Dr. phil. [redacted] [redacted] Professor of Geology at the Humboldt University and Director of the Academy's Geotectonic Institute. 25X1
Correns, Erich;	Prof. Dr. phil. [redacted] Director of the Academy's Institute for Fiber Research. President of the Praesidium of the East German National Council. 25X1
Deubel, Fritz;	Prof. Dr. [redacted] Professor of Geology at Jena University. 25X1
Emicke, Otto;	Prof. Dr. Ing. Dr. mont. Research Institute for Nonferrous Metals, Freiberg, Saxony. 25X1
Franck, Hans; [redacted]	Prof. Dr. phil. [redacted] 25X1 [redacted] Professor of Chemical Technology at the Humboldt University. [redacted]

[redacted]

Ertel, Hans; Prof. Dr. phil. [redacted] 25X1
Vice president of the Academy. Director of the Academy's Institute for Physical Hydrography. Professor of Geophysics and Meteorology at the Humboldt University.

Frenzel, Walter; Prof. Dr. Ing. [redacted] 25X1
[redacted] Directory of 25X1
Academy's Institute for Fiber Technology, Copitz near Dresden. Professor of Textile Engineering, Technische Hochschule, Dresden, etc.

Frings, Theodor; Prof. Dr. phil. [redacted] 25X1
President of the Saxony Academy of Sciences. Professor German Language and Literature at Leipzig University.

Gothan, Walther; Prof. Dr. [redacted] 25X1
Mecklemburg. Professor of Palaeobotany at the Humboldt University. Consultant to the East German Geological Commission.

Guericke, fmu; Dr. ? 25X1

Hauffe, Karl-Heinrich; Prof. Dr. Ing. Physical chemist, director of the Humboldt University's Institute of Physical Chemistry. [redacted] 25X1
[redacted] 25X1

Jaeckel, fmu: Possibly the Dr. Jaeckel (fmu) who joined the Academy's Optical Laboratory in May 1952, [redacted]

Klare, Hermann; Dr. Director of artificial fiber works, Walter Ulbricht, Schwarza. 25X1

Knoell, Hans: Prof. Dr. med. Director of Jenapharm VEB. Director of the new Institute for Microbiology and Experimental Therapy, Jena-Beuthenberg and antibiotics specialist. Awarded National Prize 1952, for his work on penicillin and streptomycin.

Kraemer, Heinrich; Dr. Ing. Director, Central Construction Office of the Metallurgical Industry.

Lange, Alfred. Prof. Dr. ?

Lange, Werner; Prof. Dr. Ing. Head of the Zentralamt fuer Forschung und Technik. Professor of metallurgy at the Bergakademie, Freiberg. 25X1

Langhans, Siegfried; Personal Assistant to the Director of the Academy of Sciences. [redacted] 25X1

Leibnitz, Eberhard; Prof. Dr. Ing. Professor of Chemical Technology at the University of Leipzig. 25X1

Leutwein, Friedrich; Prof. Dr. phil. [redacted]
Mineralogist and geochemist. [redacted] 25X1
[redacted] 25X1

Lohmann, Karl; Prof. Dr. med. Dr. phil. [redacted]
[redacted] Professor of Physiological Chemistry at the Humboldt University. Deputy director of the Academy's Institute for Medicine and Biology, Berlin-Buch. 25X1

Maurer, Eduard;	Prof. Dr. Ing. Director of the Iron Research Institute, Hennigsdorf. Professor of iron metallurgy at the Humboldt University. 25X1
Meisser (sic)[1]	
Naas, Josef;	Dr. Mathematician. Director of the Academy since 1946.
Nelles, fnu	Dr. Chemisches Werk Buna Schkopau, near Merseburg. 25X1
Noack, Kurt;	Prof. Dr. phil. Prof. of Botany at the Humboldt University. Secretary of the Academy's section of mathematics and general science.
Oelsner, Fred	Secretary, Politburo of the SED. 25X1
Panning, Guenther;	Dr. Zentralamt fuer Forschung und Technik - chemistry.
Rehtanz, Horst	State Planning Commission - Industry. 25X1
Schnitzler, fnu	Dr. ?
Sommer, Herbert;	Prof. Dr. Ing. Head of textile test section of the Academy's Institute for Fiber Research, Teltow-Seehof. 25X1
Staude, Herbert;	Prof. Dr. habil. Professor of Physical Chemistry, University of Leipzig. 25X1
Steinitz, Wolfgang;	Prof. Dr. phil. 25X1 Professor of Finno-Ugric Languages at the Humboldt University. 25X1
Thilo, Erich Rudolph Julius;	Prof. Dr. phil. Professor of Chemistry at 25X1 the Humboldt University. Director of the Academy's Institute for Inorganic Chemistry 25X1
Treibs, Wilhelm;	Prof. Dr. phil. Professor of Organic Chemistry in Leipzig University. 25X1
Wagemann fnu;	Prof. Dr. 25X1
Watznauer, Adolf;	Wismut AG, geologist
Winkler, fnu ;	Dr. Director of VEB Kunstseidenwerke Wilhelm Pieck, Premnitz. 25X1
Zing, fnu;	Prof. Dr. ?